

ABSTRACT

The present invention relates to a camera system that illuminates a subject being photographed and its object is to provide the camera system capable of photographing at a shutter speed exceeding a synchronous speed or continuous shooting. An electronic camera according to the present invention controls a xenon tube (81) to emit flash light at a shutter speed lower than the synchronous speed in a single-shot photographing mode, and controls a LED (83a) to emit light at a shutter speed exceeding the synchronous speed so as to continuously emit light while a slit defined by a shutter front curtain and a rear curtain is moving over an effective imaging area of an imaging element. When performing a rear curtain sync photographing or front curtain photographing in a single-shot photographing mode, the xenon tube (81) emits flash light. When a low-speed photographing operation is executed in a single-shot photographing mode, the LED (83a) emits light so that light emission continues while electrical charges are stored at the imaging element. In a continuous shooting mode, the LED (83a) emits light so as to continue light emission while the electrical charges are stored at the imaging element and to stop the light emission when the stored charges are being transferred.